

```

=> s (?trihydroxy-biphenyl? and ?carbonyl? and ?amino? and ?phenyl?)/cns
    77580 ?TRIHIDROXY/CNS
    841863 BIPHENYL?/CNS
    0 ?TRIHIDROXY-BIPHENYL?/CNS
      ((?TRIHIDROXY(W)BIPHENYL?)/CNS)
    3489253 ?CARBONYL?/CNS
    11178729 ?AMINO?/CNS
    22768508 ?PHENYL?/CNS
L5      0 (?TRIHIDROXY-BIPHENYL? AND ?CARBONYL? AND ?AMINO? AND ?PHENYL?)/
        /CNS

=> s (?trihydroxybiphenyl? and ?carbonyl? and ?amino? and ?phenyl?)/cns
    19 ?TRIHIDROXYBIPHENYL?/CNS
    3489253 ?CARBONYL?/CNS
    11178729 ?AMINO?/CNS
    22768508 ?PHENYL?/CNS
L6      0 (?TRIHIDROXYBIPHENYL? AND ?CARBONYL? AND ?AMINO? AND ?PHENYL?)/
        CNS

=> s (?trihydroxy-biphenyl? and ?carbonyl? and ?phenyl?)/cns
    77580 ?TRIHIDROXY/CNS
    841863 BIPHENYL?/CNS
    0 ?TRIHIDROXY-BIPHENYL?/CNS
      ((?TRIHIDROXY(W)BIPHENYL?)/CNS)
    3489253 ?CARBONYL?/CNS
    22768508 ?PHENYL?/CNS
L7      0 (?TRIHIDROXY-BIPHENYL? AND ?CARBONYL? AND ?PHENYL?)/CNS

=> s (?trihydroxy-biphenyl? and 3-carbonyl? and ?phenyl?)/cns
    77580 ?TRIHIDROXY/CNS
    841863 BIPHENYL?/CNS
    0 ?TRIHIDROXY-BIPHENYL?/CNS
      ((?TRIHIDROXY(W)BIPHENYL?)/CNS)
    20439333 3/CNS
    2553284 CARBONYL?/CNS
    2766 3-CARBONYL?/CNS
      ((3(W)CARBONYL?)/CNS)
    22768508 ?PHENYL?/CNS
L8      0 (?TRIHIDROXY-BIPHENYL? AND 3-CARBONYL? AND ?PHENYL?)/CNS

=> s (?trihydroxy-biphenyl? and 3-carbonyl?)/cns
    77580 ?TRIHIDROXY/CNS
    841863 BIPHENYL?/CNS
    0 ?TRIHIDROXY-BIPHENYL?/CNS
      ((?TRIHIDROXY(W)BIPHENYL?)/CNS)
    20439333 3/CNS
    2553284 CARBONYL?/CNS
    2766 3-CARBONYL?/CNS
      ((3(W)CARBONYL?)/CNS)
L9      0 (?TRIHIDROXY-BIPHENYL? AND 3-CARBONYL?)/CNS

=> s (?trihydroxy-biphenyl?)/cns
    77580 ?TRIHIDROXY/CNS
    841863 BIPHENYL?/CNS
L10     0 (?TRIHIDROXY-BIPHENYL?)/CNS
      ((?TRIHIDROXY(W)BIPHENYL?)/CNS)

=> s (2,3,4-trihydroxy-biphenyl?)/cns
    95919 2,3,4/CNS
    77290 TRIHIDROXY/CNS

```

```

      841863 BIPHENYL?/CNS
L11      0 (2,3,4-TRIHYDROXY-BIPHENYL?)/CNS
          ((2,3,4(W)TRIHYDROXY(W)BIPHENYL?)/CNS)

=> s (2,3,4-trihydroxy-biphenyl)/cns
      95919 2,3,4/CNS
      77290 TRIHYDROXY/CNS
      830477 BIPHENYL/CNS
L12      0 (2,3,4-TRIHYDROXY-BIPHENYL)/CNS
          ((2,3,4(W)TRIHYDROXY(W)BIPHENYL)/CNS)

=> s (?biphenyl? and ?carbonyl? and ?amino? and ?phenyl?)/cns
      843307 ?BIPHENYL?/CNS
      3489253 ?CARBONYL?/CNS
      11178729 ?AMINO?/CNS
      22768508 ?PHENYL?/CNS
L13      67368 (?BIPHENYL? AND ?CARBONYL? AND ?AMINO? AND ?PHENYL?)/CNS

=> s acetic acid/cns
      749917 ACETIC/CNS
      11628582 ACID/CNS
L14      747937 ACETIC ACID/CNS
          ((ACETIC(W)ACID)/CNS)

=> s l13 and l14
L15      1492 L13 AND L14

=> s (?triophen-2yl)/cns
      1 ?TRIOPHEN/CNS
      6 2YL/CNS
L16      0 (?TRIOPHEN-2YL)/CNS
          ((?TRIOPHEN(W)2YL)/CNS)

=> s (?thiophen-2yl)/cns
      31729 ?THIOPHEN/CNS
      6 2YL/CNS
L17      0 (?THIOPHEN-2YL)/CNS
          ((?THIOPHEN(W)2YL)/CNS)

=> s (?thiophen-2yl?)/cns
      31729 ?THIOPHEN/CNS
      10 2YL?/CNS
L18      0 (?THIOPHEN-2YL?)/CNS
          ((?THIOPHEN(W)2YL?)/CNS)

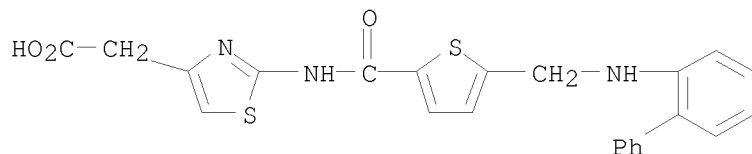
=> s (?thiophen?)/cns
L19      630033 (?THIOPHEN?)/CNS

=> s l13 and l14 and l19
L20      15 L13 AND L14 AND L19

=> d rn str

L20 ANSWER 1 OF 15  REGISTRY  COPYRIGHT 2009 ACS on STN
RN 1069092-03-0  REGISTRY

```



```
=> s (?trihydroxy?)/cns
L21      92328 (?TRIHIDROXY?)/CNS

=> s 113 and 114 and 119 and 121
L22      0 L13 AND L14 AND L19 AND L21

=> s (?trihydroxy-biphenyl-3-carbonyl?)/cns
      77580 ?TRIHIDROXY/CNS
      830477 BIPHENYL/CNS
      20439333 3/CNS
      2553284 CARBONYL?/CNS
L23      0 (?TRIHIDROXY-BIPHENYL-3-CARBONYL?)/CNS
          ((?TRIHIDROXY(W)BIPHENYL(W)3(W)CARBONYL?)/CNS)

=> s (?biphenyl-3-carbonyl?)/cns
      830937 ?BIPHENYL/CNS
      20439333 3/CNS
      2553284 CARBONYL?/CNS
L24      54 (?BIPHENYL-3-CARBONYL?)/CNS
          ((?BIPHENYL(W)3(W)CARBONYL?)/CNS)

=> s (?2-amino-phenyl?)
LEFT TRUNCATION IGNORED FOR FILE 'REGISTRY'
      34126501 2
      11177101 AMINO
      12771 AMINOS
      11177101 AMINO
          (AMINO OR AMINOS)
      22754425 PHENYL?
L25      23619 (?2-AMINO-PHENYL?)
          (?2(W)AMINO(W)PHENYL?)
```

Left truncation is not valid in the specified search field in the specified file. The term has been searched without left truncation. Examples: '?TERPEN?' would be searched as 'TERPEN?' and '?FLAVONOID' would be searched as 'FLAVONOID.'

If you are searching in a field that uses implied proximity, and you used a truncation symbol after a punctuation mark, the system may interpret the truncation symbol as being at the beginning of a term. Implied proximity is used in search fields indexed as single words, for example, the Basic Index.

```
=> s (?2-amino-phenyl?)/cns
'?2' NOT LONG ENOUGH FOR LEFT TRUNCATION
You have entered a truncated stem whose length is less than
the minimum allowed for left truncation in the requested
search field. You may increase the length of the stem to
the minimum allowed and try again. Enter HELP SFIELDS to
to find the minimum stem length for left truncation in
the requested search field.
```

```
=> s (2-amino-phenyl?)/cns
      28246519 2/CNS
      8192642 AMINO/CNS
      11799889 PHENYL?/CNS
L26      224 (2-AMINO-PHENYL?)/CNS
          ((2(W)AMINO(W)PHENYL?)/CNS)
```

```
=> s (5-thiophen-2yl)/cns
      13039708 5/CNS
      20220 THIOPHEN/CNS
      6 2YL/CNS
L27      0 (5-THIOPHEN-2YL)/CNS
          ((5(W)THIOPHEN(W)2YL)/CNS)
```

```
=> s (5-thiophenyl)/cns
      13039708 5/CNS
      57 THIOPHENYL/CNS
L28      0 (5-THIOPHENYL)/CNS
          ((5(W)THIOPHENYL)/CNS)
```

```
=> s (5-thiophenyl?)/cns
      13039708 5/CNS
      130 THIOPHENYL?/CNS
L29      0 (5-THIOPHENYL?)/CNS
          ((5(W)THIOPHENYL?)/CNS)
```

```
=> s (?5-thiophenyl?)/cns
'?5' NOT LONG ENOUGH FOR LEFT TRUNCATION
You have entered a truncated stem whose length is less than
the minimum allowed for left truncation in the requested
search field. You may increase the length of the stem to
the minimum allowed and try again. Enter HELP SFIELDS to
to find the minimum stem length for left truncation in
the requested search field.
```

```
=> s (?thiophenyl?)/cns
L30      988 (?THIOPHENYL?)/CNS
```

```
=> d his
```

```
(FILE 'HOME' ENTERED AT 08:18:50 ON 16 APR 2009)
```

```
FILE 'CAPLUS' ENTERED AT 08:32:47 ON 16 APR 2009
E US2007-593259/APPS
```

```
L1      1 S E3
      SEL RN 1-
```

```
FILE 'REGISTRY' ENTERED AT 08:36:00 ON 16 APR 2009
L2      62 S E1-E62
```

```
FILE 'CAPLUS' ENTERED AT 08:51:03 ON 16 APR 2009
S (?TRIHIDROXY-BIPHENYL? AND ?CARBONYL? AND ?AMINO? AND ?PHENY
```

```
FILE 'REGISTRY' ENTERED AT 08:52:32 ON 16 APR 2009
L3      0 S (?TRIHIDROXY-BIPHENYL? AND ?CARBONYL? AND ?AMINO? AND ?PHENYL
```

```
FILE 'CAPLUS' ENTERED AT 08:52:42 ON 16 APR 2009
L4      0 S L3
```

```
FILE 'REGISTRY' ENTERED AT 08:52:55 ON 16 APR 2009
```

L5 0 S (?TRIHIDROXY-BIPHENYL? AND ?CARBONYL? AND ?AMINO? AND ?PHENY  
 L6 0 S (?TRIHIDROXYBIPHENYL? AND ?CARBONYL? AND ?AMINO? AND ?PHENYL  
 L7 0 S (?TRIHIDROXY-BIPHENYL? AND ?CARBONYL? AND ?PHENYL?)/CNS  
 L8 0 S (?TRIHIDROXY-BIPHENYL? AND 3-CARBONYL? AND ?PHENYL?)/CNS  
 L9 0 S (?TRIHIDROXY-BIPHENYL? AND 3-CARBONYL?)/CNS  
 L10 0 S (?TRIHIDROXY-BIPHENYL?)/CNS  
 L11 0 S (2,3,4-TRIHIDROXY-BIPHENYL?)/CNS  
 L12 0 S (2,3,4-TRIHIDROXY-BIPHENYL)/CNS  
 L13 67368 S (?BIPHENYL? AND ?CARBONYL? AND ?AMINO? AND ?PHENYL?)/CNS  
 L14 747937 S ACETIC ACID/CNS  
 L15 1492 S L13 AND L14  
 L16 0 S (?TRIOPHEN-2YL)/CNS  
 L17 0 S (?THIOPHEN-2YL)/CNS  
 L18 0 S (?THIOPHEN-2YL?)/CNS  
 L19 630033 S (?THIOPHEN?)/CNS  
 L20 15 S L13 AND L14 AND L19  
 L21 92328 S (?TRIHIDROXY?)/CNS  
 L22 0 S L13 AND L14 AND L19 AND L21  
 L23 0 S (?TRIHIDROXY-BIPHENYL-3-CARBONYL?)/CNS  
 L24 54 S (?BIPHENYL-3-CARBONYL?)/CNS  
 L25 23619 S (?2-AMINO-PHENYL?)  
 L26 224 S (2-AMINO-PHENYL?)/CNS  
 L27 0 S (5-THIOPHEN-2YL)/CNS  
 L28 0 S (5-THIOPHENYL)/CNS  
 L29 0 S (5-THIOPHENYL?)/CNS  
 L30 988 S (?THIOPHENYL?)/CNS

=> s 124 and 125 and 126 and 130  
 L31 0 L24 AND L25 AND L26 AND L30

=> s 124 and 125  
 L32 1 L24 AND L25

=> s 126 and 130  
 L33 0 L26 AND L30

=> s 124 and 125 and 130  
 L34 0 L24 AND L25 AND L30

=> s 124 and 130  
 L35 0 L24 AND L30